

# Local Evaluation Overview and Preliminary Findings

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## Overview of Evaluation

Purpose of the evaluation:

- Document impact of project on teachers and students.
  - *Note: Evaluation is focused on the project and not individual teachers or students*
- Collect and report data about project activities so leaders can improve activities.
- Report findings to State Department of Elementary and Secondary Education, TRITEC and participating districts.

## Evaluation Plan

### Methods:

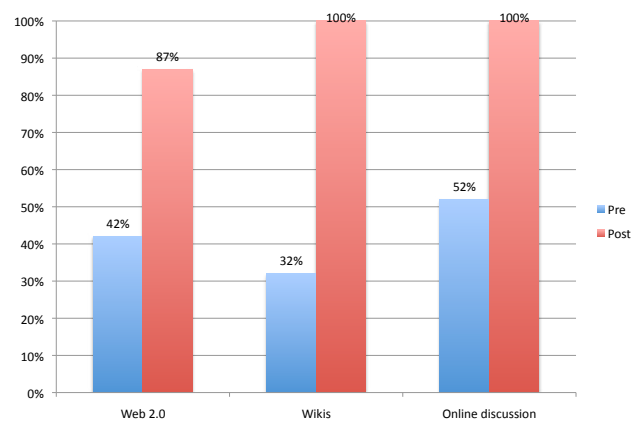
- Participate in regular project-related meetings and events
- Survey participating and comparison teachers
- Assessments of teacher content knowledge and pedagogical approaches (pre and post)
- Observations of a sample of teachers' classrooms and of project activities
- Assessments of students in classrooms of participating and comparison students

## Teacher/Participant Data Critical for Funding

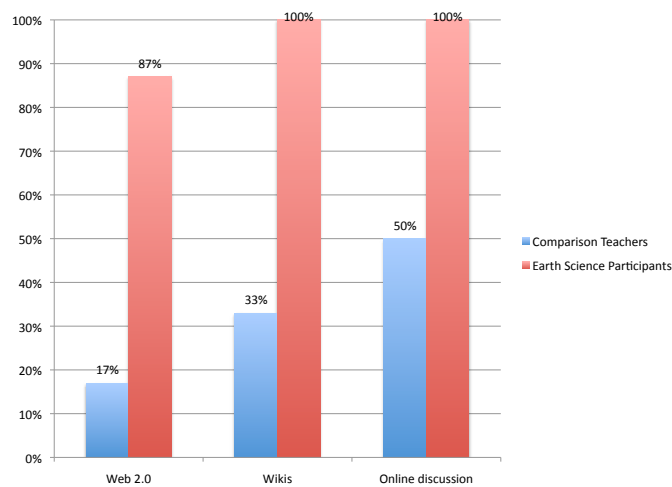


## Preliminary Findings

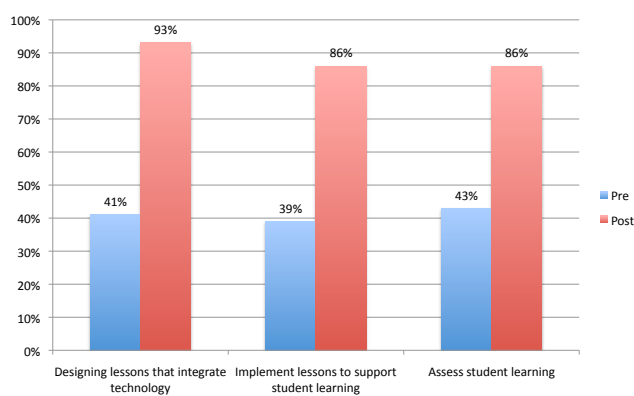
### Knowledge of Web 2.0 Increased



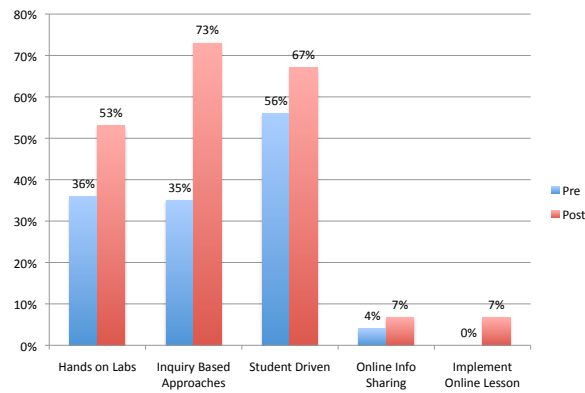
### Participants More Confident Than Comparison Teachers



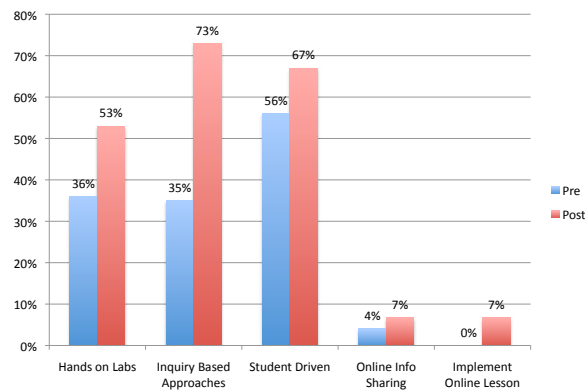
### Confidence Using Technology for Teaching and Learning Increased



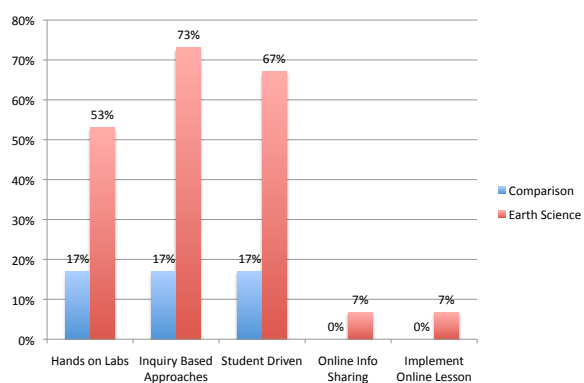
## Pedagogical Techniques Changed



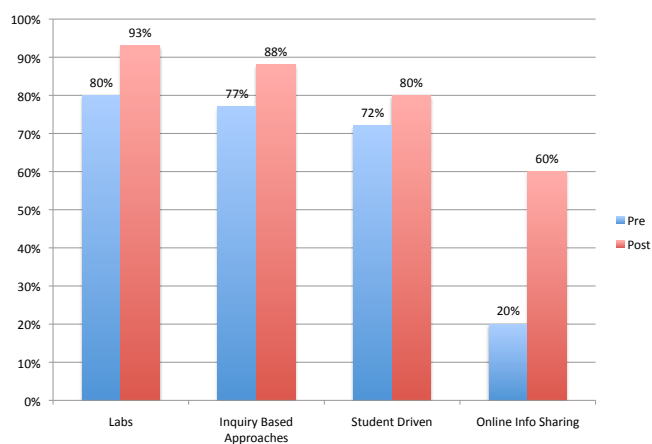
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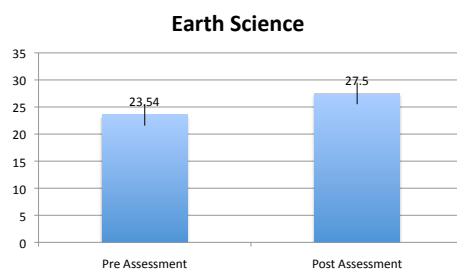
## Teaching Strategies Different than Comparison Teachers



## Confidence Teaching Science Increased



## Content Knowledge Increased



## Positive Impact Reported

- Increase in content knowledge

*The single most important concept that I learned was how to think about what is happening at the molecular level when we observe macroscopic phenomena.*

*I have strengthened my understanding of the greenhouse effect and the water cycle to how it more deeply relates and affects climate.*

- Increase in knowledge of Web 2.0

*I have been able to integrate technology using Glogster, Prezi and even simple things like embedding videos/discussions into my classroom that I hadn't done before.*

*I learned more about how to find interactive web resources*

## Next Steps

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- Continue to observe sample of classrooms.  
Volunteers get Target Gift Card as Thank you
- Collect data from comparison teachers  
Comparison teachers get \$5 Target Gift Card. Please share link with teachers.  
<https://www.surveymonkey.com/s/TritecMSP2012>
- Analyze data and submit reports to the Department of Elementary and Secondary Education.
- Provide formative feedback to project leaders to inform improvements in subsequent courses.

## Your Next Steps

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- Contact me at [dschilder@eval-inc.com](mailto:dschilder@eval-inc.com) or 617-816-2026 to schedule observation
- Send me an example lesson plan PRIOR to your participation so I can compare with lesson you developed for the course.
- Share student assessment data with me by sending summary by email or sending to me at:

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- Notify the TLCD's of the date and time you will be implementing your lesson.